

RVMedia

INSTRUCTION MANUAL

Model.: AUC2000

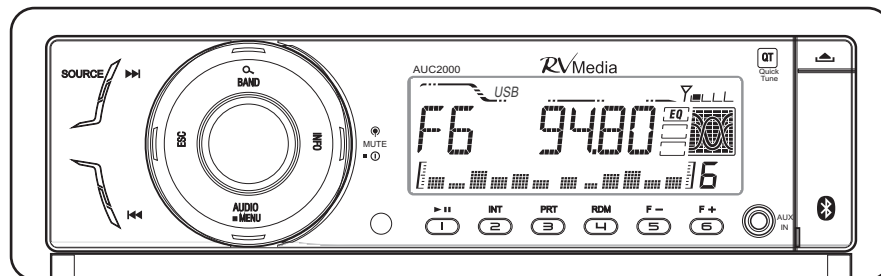
Part Number: 041841

CD/MP3/WMA PLAYER/RECEIVER FOR RV's

TV AUDIO INPUT

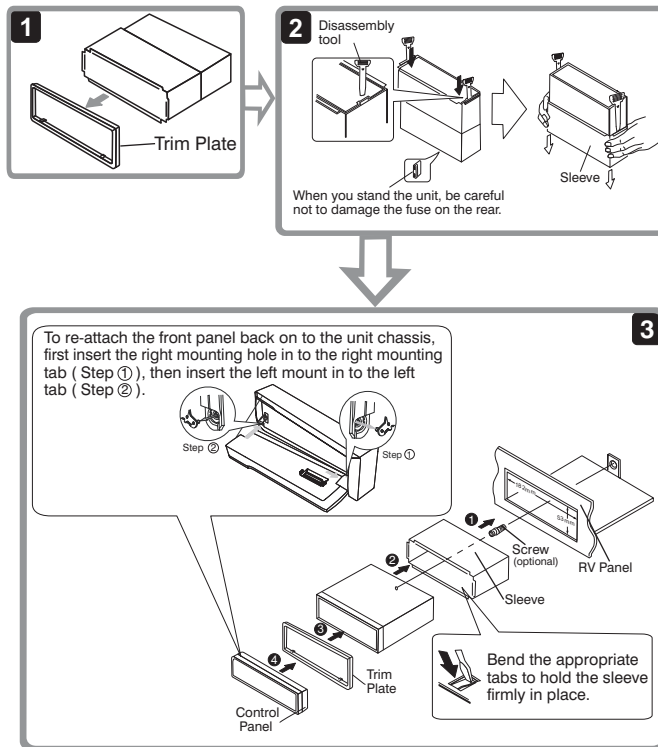
BLUETOOTH AUDIO STREAMING

QUICK TUNE RADIO STATION PRESET



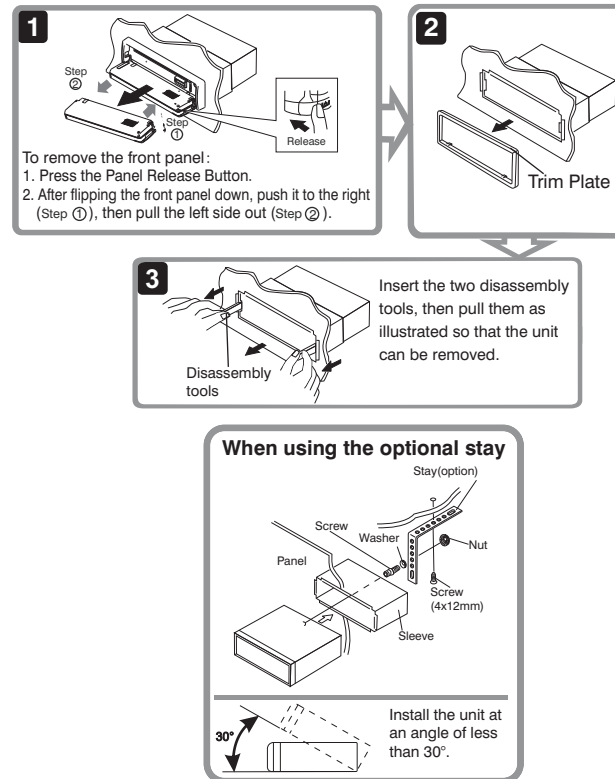
1. INSTALLATION

The following illustrations show a typical RV installation.
If you are not sure how to install this unit correctly, please have it installed by a qualified technician.

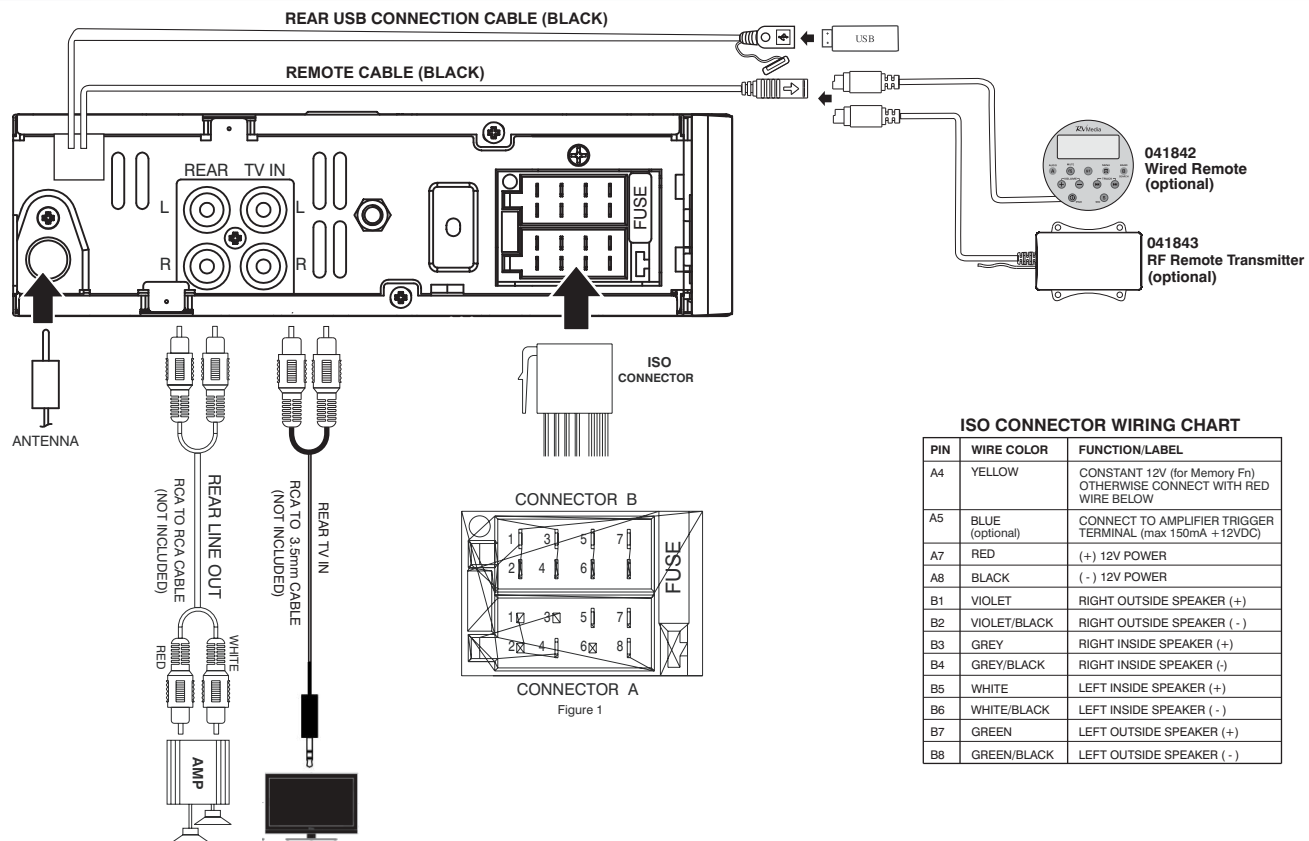


Removing the unit

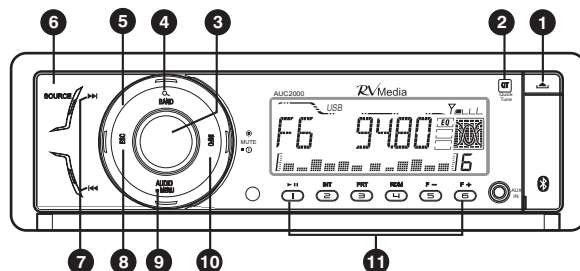
Before removing the unit, release the optional stay screw if fitted.



2. CONNECTING THE SYSTEM



3. HEAD UNIT CONTROLS

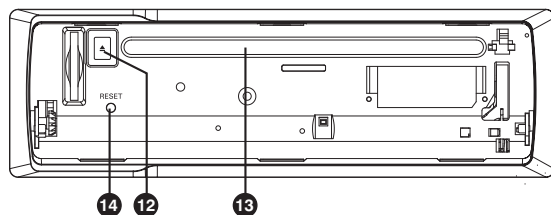


No.	Item	Descriptions
1	(RELEASE)	Press this button to open the control panel.
2	QT (Quick Tune)	In the Tuner mode, press this button to access the Quick Tune mode. The six strongest stations of the selected band are saved in preset channel automatically: FM1,FM2,FM3(1-6),AM1,AM2.
3	MUTE (POWER)	Press this button to turn Mute On/Off. Press this button or any other button on the front panel (except Release) to turn the unit on. Press and hold this button again to turn the unit off.
4	VOLUME KNOB	Rotate the volume knob to increase or decrease the volume.
5	BAND (SEARCH)	Press this button to change between BAND FM1, FM2,FM3, AM1 (MW1) or AM2 (MW2). In CD/USB/SD media playback mode, press this button to activate the Music Folder/File search mode. Rotate the volume knob to navigate through the Folder and File list. Once the desired file appears on the LCD. Press the 'MENU' button to confirm and start the file playing.

6	AUDIO/SYSTEM MENU	Press this button to access the Audio Settings Menu (see Page E4 for more info). Press and hold this button to access the System Menu.
7	SOURCE	Press this button to select a different playback mode: AUX IN / TV IN / RADIO / F-USB / R-USB / SD / CD / BT AUDIO
8	TUNE UP/DOWN FILE UP/DOWN FAST FORWARD/ REWIND	In tuner mode, press this button to access the Auto Seek mode, press and hold this button again to return to Manual Seek mode. In CD/USB/SD media playback mode press, these buttons to skip a chapter / track / file. In CD/USB/SD media playback mode press, press and hold to Fast Forward / Rewind the file being played.
9	ESC	A short Press this button allows you to easily return to the previous menu or mode.
10	INFO	Press this button briefly to display the clock. In media playback mode, Press this button repeatedly to display Id3 information : Clock->Play time->Folder-> File > Song >Artist->Album
11	PRESET NUMERIC BUTTONS	In Tuner mode, press the Numeric buttons to recall the preset stations. Press and hold the Numeric Buttons to store the current station. In CD/USB/SD playback mode, press the Numeric Buttons to perform the following functions:

Number	1	2	3	4	5	6
Button	Pause/ Play	Intro Scan	Repeat	Random	Folder Up	Folder Down

4. MAIN BODY CONTROLS & FUNCTIONS



No.	Item	Descriptions
12	CD EJECT	▶ Press this button to eject the Disc.
13	DISC SLOT	▶ Insert the disc into CD slot with the label facing upwards. The disc will automatically play.
14	RESET	▶ You can reset the unit to its default settings. Press this button by using a ball-point pen or a similar thin metal object.

5. ADJUSTING THE AUDIO SETTINGS

Press AUDIO/SYSTEM MENU button to enter the Audio Menu. Rotate the volume knob to cycle through the selections below and press to adjust:

▶ VOL (Volume Level)

You have 5 seconds to use the Encoder Volume knob to adjust the desired volume level. The volume level will be shown on the LCD display ranging from 00 (lowest) to 50 (highest).

▶ EQ (Equalizer)

You have 5 seconds to use the Encoder Volume knob to adjust the Equaliser to select the following: **USER--> FLAT--> CLASSIC--> POP--> ROCK**

▶ BAS (Bass Level)

You have 5 seconds to use the Encoder Volume knob to adjust the desired Bass level range from -10 to +10.

▶ TRB (Treble Level)

You have 5 seconds to use the Encoder Volume knob to adjust the desired Treble level range from -10 to +10.

▶ BAL (Balance)

You have 5 seconds to use the Encoder Volume knob to adjust the Balance between the right and left speakers from 10R (full right) to 10L (full left).

▶ ZONE (Fader)

You have 5 seconds to use the Encoder Volume knob to adjust the Zone between the Inside & Outside speakers - 10 I (INSIDE) to 10 O (OUTSIDE).

6. ADJUSTING THE SYSTEM MENU

Press & hold the AUDIO/SYSTEM MENU button to access the System Menu which allows you to adjust the following functions & settings:

▶ Quick Tune (Auto Store)

In Radio mode, push Encoder Volume knob to automatically store the six strongest stations in the current band.

▶ LOCAL/DISTANCE SELECT

This feature is used to designate the strength of the signals at which the radio will stop during automatic tuning. "Distance" is the default, allowing the radio to stop at a broader range of signals. To set the unit to select only strong local stations during automatic tuning, rotate the Volume Control until "Local" appears on the display.

▶ PTY ON/OFF

Rotate the Volume Knob to select the PTY function to be turned ON/OFF.

▶ AF ON/OFF

Rotate the Volume Knob to turn the AF function ON/OFF.

▶ TA ON/OFF

Rotate the Volume Knob to turn the TA function ON/OFF.

▶ TUNER AREA (Tuner Frequency Spacing)

Use the Encoder Volume Knob to select the frequency spacing which is most appropriate for the area this unit is used in: AUSTRALIA, JAPAN, USA, LATIN, EUROPE, ASIA or MIDEAST.

▶ Re-connection/Dis-connection(RE-CON/DIS-CON)

This feature allows you to Re-connect or Dis-connect the paired mobile phone or Bluetooth device manually. To Re-connect/Dis-connect the Bluetooth device, press & hold Audio/Menu button, "RE-CON"/"DIS-CON" is displayed on the LCD, then press the Power/Mute button to activate the selection.

▶ TIME SET (CLK)

The time on the clock will default to 12:00 when power is connected to the unit. To set the current time, rotate the Encoder Volume Control clockwise to adjust minutes and counter clockwise to adjust the hours.

▶ BEEP TONE ON/OFF (BEEP)

The beep tone feature allows the selection of an audible beep tone to be heard each time a button is pressed on the face of the radio. "BEEP TONE On" is the default setting. Rotate the Volume Knob to select the "BEEP TONE OFF" option.

RV Clock Screen Saver

- In Radio mode, if no buttons or functions are operated for 30 seconds, the LCD will revert to the Clock display as this is more useful in an RV.

7. RDS EXPLAINED

The RDS (Radio Data System) function operates only in areas where FM stations broadcast RDS signals. If you tune to an RDS station, an RDS icon and information about the presenter, station or program is displayed.

This unit supports the following RDS features:

► Select Program Type (PTY)

Before tuning to RDS stations, you can select program type and let the unit search only for programs of the selected category.

Press & hold the AUDIO/SYSTEM MENU button to access the System Menu, then use the Up / Down buttons to select [PTY ON / OFF], then rotate the Encoder Volume Knob to select the PTY list and press the 'MENU' button to confirm to search for the selected PTY type.

MUSIC CATEGORIES	TALK RADIO CATEGORIES
POP M , ROCK M	NEWS, AFFAIRS, INFO
EASY M, LIGHT M	SPORT, EDUCATE, DRAMA
CLASSICS, OTHER M	CULTURE, SCIENCE, VARIED
JAZZ, COUNTRY	WEATHER, FINANCE, CHILDREN
NATION M, OLDIES	SOCIAL, RELIGION, PHONE IN
FOLK M, TEST, ALARM	TRAVEL, LEISURE, DOCUMENT

► Select Alternate Frequencies (AF)

If the current radio station's signal is poor, you can turn on the AF (Alternate Frequency) function to let the unit search for another station with a stronger signal but with the same program identification and content as the current station.

Press & hold the AUDIO/SYSTEM MENU button access the System Menu mode, then use the up/down buttons to select AF function, then rotate the Volume Knob to turn AF On/Off.

► TA ON/OFF (Traffic Announcement)

If you do not want to miss traffic announcement while enjoying music, you can turn on the TA (Traffic Announcement) function.

Press & hold the DISP/TA key to turn TA on/off.

TA On	When there is a traffic announcement, the unit switches to the tuner mode (regardless of the current mode) and begins to broadcast the announcement on traffic conditions. When the traffic announcement is over, the unit will return to the previous mode.
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TA Off	Traffic announcements do not cut in.
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► Clock Time (CT ON/OFF)

The RDS signal also includes an accurate clock time (where available) which can set the unit's clock automatically.

8. EXTERNAL CONNECTION AND MEDIA PLAYBACK

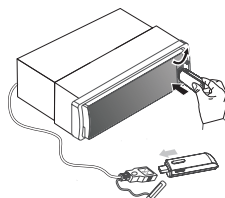
USB Device Operation

NOTE

Ensure that the USB/SD device contains playable MP3 or WMA music files.

▶ Inserting the USB Device

1. Open the cover marked **USB** on the front panel or open the lid of the USB cable at the rear of the unit.
2. Insert the USB device into the USB socket. The unit will start playing from the USB device automatically.



▶ Removing the USB Device

Before you remove the USB device from the front panel, always remember to switch off the unit's power then remove the USB device. Never try to remove the USB device while playing a music file as it may damage the file and may cause the unit to freeze (if this happens, please press the Reset button).

Connecting a TV Using Rear TV In

You can significantly improve the sound quality of your TV - especially for movies & music if you direct your LCD TV's output through your RV's Audio system. To do this, the TV will need to have an audio output socket - which in most cases is the headphone socket.

▶ Connecting the TV's Audio Output

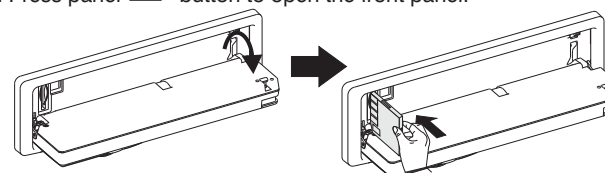
Using an optional 3.5mm to RCA cable, connect it between the headphone socket of the TV and the Rear RCA TV Input. Select "TV IN" via the source button to listen to your TV through the RV's Audio System



SD Card Operation

▶ Inserting the Memory Card

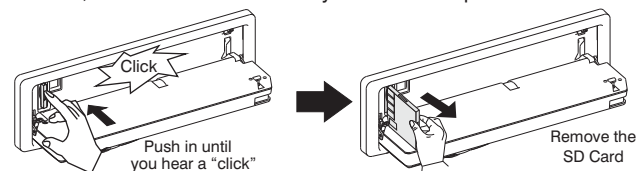
1. Press panel button to open the front panel.



2. Insert the SD Card into the card socket.
3. Press the centre of the front panel until a "click" sound is heard. The unit will start playing from the SD card automatically.

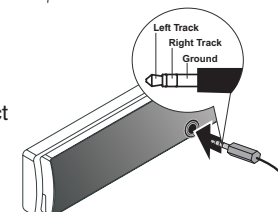
▶ Removing the SD card.

Push on the end of the SD Card to eject it. Once the SD card is removed, the unit will automatically switch to the previous mode.



Connecting Front Aux-In

Connect the external signal to AUX in jack located at the front of the panel, then press the Source button to select Aux mode. Press the Source Button again to cancel the Aux mode and return to the previous mode.



9. iPod / iPhone OPERATION

This unit is equipped with iPod/iPhone Ready function which allows you to directly control an iPod/iPhone from the front panel controls and display iPod/iPhone song information on the unit's LCD screen. Please see below for further information on these functions.

► Compatible iPod/iPhone Models

Suits most iPod and iPhone models:

Made for:

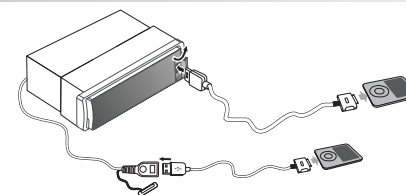
- iPod nano (2nd generation)
- iPod nano (3rd generation, 4GB only)
- iPod nano (3rd generation, 8GB only)
- iPod nano (4th generation)
- iPod nano (5th generation)
- iPod classic (1st generation)
- iPod classic (2nd generation)
- iPod touch (1st generation)
- iPod touch (2nd generation)
- iPod touch (3rd generation)
- iPod video (30GB, 80GB only)

Works with:

- iPhone
- iPhone 3G
- iPhone 3GS
- iPhone 4
- iPhone 4S
- iPhone 5

► Connecting an iPod / iPhone

Insert the iPod/iPhone USB cable in to the Front Panel USB socket. The unit will start playing the iPod/iPhone automatically.



iPod/iPhone USB cable
(not supplied with this unit)

► iPod/iPhone control music playback mode

Press & hold the INFO/MENU button on front panel to switch between the following two control modes:

- **iPod control mode:** Use the iPod/iPhone to operate music functions.
- **Head Unit control mode:** Use the head unit button to control the functions of the iPod/iPhone.

CHARGING FUNCTION

Connecting you iPod/iPhone to the front or rear USB port (Note only one iPod or iPhone can be connected to the unit at a time) will also charge the device at the same time.

► Search for a track on iPod/iPhone

1. Press BAND/  to browse iPod/iPhone menu.
2. Rotate the Encoder Volume knob to search through the following options: PLAYLIST/ARTIST/ALBUM/SONGS/GENRE/COMPOSER/AUDIOBOOK/PODCAST. Press the Volume Knob to make a selection.
3. Then rotate the Volume Knob to find an item within your selection and depending on which setting you are in, press the Volume Knob to start playing or make a further selection within your chosen option.

10. BLUETOOTH OPERATION

► Bluetooth Audio Streaming A2DP (Advanced Audio Distribution Profile)

You can listen (or stream) music files from an audio device on this unit if the audio device supports Bluetooth A2DP (Advanced Audio Distribution Profile) Technology. Please read the instructions below for information on the

► Pairing a Bluetooth Audio Device With This Unit

Before using audio device to play music on this unit, the audio device must be paired first. Please follow the steps below to pair the units:

- (1) Turn on Bluetooth in the device to be paired settings menu.
- (2) Search for "RVMEDIA" and select it.
- (3) Enter the Pin code "0000" to pair the device.
- (4) The device & RV Media head unit should now be paired.
- (5) Whenever your RV Media head unit is powered up in future, it should automatically reconnect to your device. If not, follow the steps above.

► Listening To Music From a Bluetooth Audio Device

- (1) Connect this unit with the Bluetooth audio device.
- (2) Press SOURCE button repeatedly until "BT AUDIO" appears on the display.
- (3) Once in "BT AUDIO" mode, you can use the audio device to start playback of the song via Bluetooth wireless with this unit. Note you may need to adjust the volume on your Bluetooth device to match the output level of other sources on your RV Media head unit.

IMPORTANT: To listen Bluetooth audio streaming from the audio device, you MUST select the "BT AUDIO" source first. Any other source or input modes of this head unit are unable to activate the Bluetooth audio streaming (A2DP) function.

CONNECTION NOTE

If the audio device has lost Bluetooth connection with the head unit or no device is connected, when the source mode is changed to "BT AUDIO", the display will show "NODEVICE". In this instance, you may need to re-pair the unit using the instructions on the opposite page.

PLAYBACK NOTES

1. When "BT AUDIO" is selected on the head unit, some audio devices (providing they are already paired) may start music playback automatically. For some devices such as Smartphones & Tablets, you may need to open the 'Media 'Player' to start music playback.
2. If auto playback is not supported by the device, please refer to the on the audio device then please refer to the instruction manual of the the device's manual on how to perform music playback via Bluetooth technology.
3. Depending on the type of Bluetooth Device you have, you may also be able to stream audio directly from Apps such as, but not limited to, Pandora, Spotify, TuneIn radio - plus commentary from sporting apps etc! Generally this may mean selecting the desired audio output on the device (eg Speaker, Headphones or Bluetooth etc). Please consult your device user manual for further clarification.

► Operating an audio device with this unit AVRCP

This unit can perform the following operations with the connecting Audio device which supports AVRCP (Audio Video Remote Control Profile).

- (1) Automatic Playback - every time you select the "BT AUDIO source", this unit will automatically send a "PLAY" command via AVRCP to the audio device activate automatic playback.
- (2) Track up/down - by pressing the Track up/down buttons on this unit.
- (3) Pause/Play - by pressing the Pause / Play button on this unit.
- (4) Volume up/down - by rotating the Encoder Volume Knob on this unit.
- (5) Audio Mute - by pressing the Mute button on this unit.
- (6) Stop playback - by changing to another source on this unit.

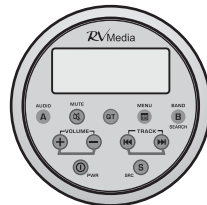
11. OPTIONAL ACCESSORIES

RF Wireless Remote p/n: 041843



Our exclusive RF Remote lets you control your RV Media unit from anywhere up to 10M outside your RV!. Operates like a car alarm remote - ie you don't have to point it at the RV Media head unit to operate it.

Waterproof Wired Remote Control with LCD Display p/n 041842



Our optional Wired Remote controls all functions of your RV Media head unit and includes an LCD display showing settings, song titles etc. Ideal for use internally near the bed etc or for external access areas. Fully waterproof.

Connection Accessories

RV Media Y-Adaptor. This lead allows you to connect two remote controls to your RV Media head unit - eg 2 Wired, or one Wired & one RF Wireless. P/n: 041844

RV Media 6M Extension cable. This is an extension cable for the wired remote to allow it to be mounted a long way from the head unit. P/n: 041846

12. TROUBLE SHOOTING

Before going through this list, please check all wiring connections. If any of the problems persist after reviewing this check list, please consult your nearest RV Media dealer.

No power or no sound

- Check power is being supplied to the unit.
- Check that all cables, including speaker connections are properly connected.
- Check the Fuse and replace only after you have checked the wiring for errors or shorts.
- Volume is set to minimum. Adjust volume to a desired level.
- If the above suggestions do not help, press the RESET button. (See E-4)

Cannot play disc

- Ensure the disc label is inserted with the printed side facing up.
- Try cleaning the disc by wiping it with fibre cleaning cloth from the center to the edge in a straight line.
- The disc may be defective. Try another disc for comparison.
- If it is a burnt CD, ensure that the CD is a finalised CD/CD-R/CD-RW.
- Ensure that the CD is not encoded with copyright protection technologies.

The CD Skips tracks

- Ensure that the CD is not damaged or dirty.
- Ensure that random mode is deactivated.

Disc cannot be ejected.

- Press and hold . If this does not work, press the RESET button.

Display shows ERR-12

- USB data error. Check the USB device & MP3/WMA files.

13. HANDLING COMPACT DISCS

MOISTURE CONDENSATION

On rainy days or in a very damp areas, moisture may condense on the lenses inside the unit. Should this occur, the unit will not operate properly. In such a case, remove the disc and wait for about an hour until the moisture has evaporated.

1. NOTES ON CDs

- 1) A dirty or defective disc may cause sound dropouts while playing. To ensure optimum performance, handle the disc by its edge. To keep the disc clean, do not touch its surface.



performance, handle the disc by its edge. To keep the disc clean, do not touch its surface.

- 2) Do not stick paper or tape on the disc.



- 3) Do not expose the discs to direct sunlight or heat sources such as hot air-ducts, or leave them in vehicles where they can be exposed to direct sunlight.



exposed to direct sunlight.

- 4) Before playing, clean discs with an optional cleaning cloth. Wipe each disc from the centre out.



with an optional cleaning cloth. Wipe each disc from the centre out.

- 5) Do not use solvents such as benzene, thinner, commercially available cleaners to clean discs. Use specified disc cleaner only.

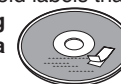
2. NOTES ON DISCS

- 1) If you use the discs explained below, the sticky residue can cause the CD to stop spinning and may cause malfunction or ruin the discs. Do not use CDs that have a sticky residue (eg Library CD's) on the surface - ie from peeled-off stickers, or from ink, or from glue leaking under the stickers.

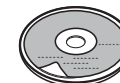


Avoid Cd's that have had stickers on them.

- 2) Do not use rental CDs with old labels that are beginning to peel off. **Stickers that are beginning to peel away, leaving a sticky residue.**



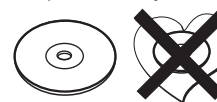
- 3) Do not use your CDs with labels or stickers attached.



Labels are attached

4) Do Not Use Special Shape CDs

Be sure to use round shape CDs only for this unit and do not use any special shape CDs. Cds may cause the



Use of special shape unit to malfunction.

- 5) Be sure to use CDs with disc mark only for this unit.



CD-Rs and CD-RW's which have not undergone the finalisation process cannot be played. (For more information on the finalisation process, refer to your CD-R/CD-RW writing software's manual). Additionally, depending on the recording mode, it may not be possible to play certain CD-R or CD-RW CD's (eg where overburning has been used to extend the recording time).

14. SPECIFICATIONS

Power Supply	12 V DC (11-14 V), Negative Ground
Fuse	15A
Suitable Speaker Impedance	4 - 8 Ω
Power output	50W x 4 channels max
Pre-AMP output voltage	2.0 V (USB play mode; 1KHZ, 0dB, 10 k Ω load)
Aux-In level	$\geq$ 800mV

Radio

-FM	
Frequency Range	87.5 - 108MHz
Usable Sensitivity	Better than 15dB at S/N 30dB
-AM(MW)	
Frequency Range	522 -1620KHz
Usable Sensitivity	Better than 45dB

Bluetooth

Output power	0dBm (Class II)
Frequency band	2.4000GHz-2.4835GHz ISM Band
Range	Up to 10 meters (free space)
Standard	Bluetooth 2.0 specification

USB devices

USB flash memory	USB 1.1, & 2.0 compatible
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Memory Card

Support type of memory card:	SD/SDHC
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Supported formats

USB or memory file system:	FAT16, FAT32
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MP3/WMA bit rate:	32-320kbps and variable bit rate
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MP3 sampling frequencies:	8-48kHz
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WMA sampling frequencies:	32kHz, 44.1kHz, 48kHz
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ID3 tag	v1.0 or later
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